



JUN 28 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

41 3736A
PTO/SB/21 (04-04)Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | | | |
|--|----|------------------------|---------------------|
| | | Application Number | 10/069,674 |
| | | Filing Date | February 22, 2002 |
| | | First Named Inventor | Boris P. Kovatchev |
| | | Art Unit | 3736 |
| | | Examiner Name | Michael C. Astorino |
| Total Number of Pages in This Submission | 20 | Attorney Docket Number | 00438-03 |

| ENCLOSURES (Check all that apply) | | | |
|--|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) | |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences | |
| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) | |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information | |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter | |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): | |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Post Card Receipt | |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | | |
| Remarks | | | |

RECEIVED

JUL 07 2004

TECHNOLOGY CENTER 3700

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual name | Robert J. Decker; In-House Patent Counsel, University of Virginia Patent Foundation |
| Signature | |
| Date | June 24, 2004 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | | |
|-----------------------|--------------|------|------------|
| Typed or printed name | Sue Ann Carr | | |
| Signature | | Date | 06/24/2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

| | |
|----------------------|---------------------|
| Application Number | 10/069,674 |
| Filing Date | February 22, 2002 |
| First Named Inventor | Boris P. Kovatchev |
| Examiner Name | Michael C. Astorino |
| Art Unit | 3736 |
| Attorney Docket No. | 00438-03 |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None

 Deposit Account:

Deposit Account Number 50-0423
 Deposit Account Name

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code (\$) | Fee | Fee Code (\$) | Fee Description | Fee Paid |
|--------------------------|-----|---------------|-----------------|------------------------|
| 1001 | 750 | 2001 | 375 | Utility filing fee |
| 1002 | 330 | 2002 | 165 | Design filing fee |
| 1003 | 520 | 2003 | 260 | Plant filing fee |
| 1004 | 750 | 2004 | 375 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |
| SUBTOTAL (1) (\$) | | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Fee from below | | Fee Paid |
|--------------------|----------------|--|----------|
| | Extra Claims | Fee | |
| Independent | | -20** = X = | |
| Claims | | -3** = X = | |
| Multiple Dependent | | | |

| Large Entity | Small Entity | Fee Description |
|--------------------------|---------------|---|
| Fee Code (\$) | Fee Code (\$) | |
| 1202 | 18 | 2202 9 Claims in excess of 20 |
| 1201 | 84 | 2201 42 Independent claims in excess of 3 |
| 1203 | 280 | 2203 140 Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 42 ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 9 ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) | | |

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|--------|---------------|---|----------|
| 1051 | 130 | 2051 | 65 Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 Notice of Appeal | |
| 1402 | 320 | 2402 | 160 Filing brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 Design issue fee | |
| 1503 | 630 | 2503 | 315 Plant issue fee | |
| 1460 | 130 | 1460 | 130 Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 Submission of Information Disclosure Stmt | 180.00 |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times number of properties) | |
| 1809 | 750 | 2809 | 375 Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 750 | 2810 | 375 For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 750 | 2801 | 375 Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|-------------------|------------------|-----------------------------------|--------|-----------|---------------|
| Name (Print/Type) | Robert J. Decker | Registration No. (Attorney/Agent) | 44,056 | Telephone | 434-924-2175 |
| Signature | | | | Date | June 24, 2004 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TECHNOLOGY CENTER 2600

JUL 07 2004

RECEIVED